

CLAIMS:

What is claimed is:

1. An apparatus comprising:
 - a processor;
 - a user interface coupled to the processor;
 - a receiver coupled to the processor for receiving current location information from an external source; and
 - a transmitter coupled to the processor for transmitting the current location information and command data to an external receiver.
2. The apparatus of claim 1, wherein the user interface comprises one of a touch screen, a plurality of buttons, a personal desk assistant (PDA) and a keyboard.
3. The apparatus of claim 1, wherein the receiver is one of an infrared (IR) receiver, a radio frequency (RF) receiver and a global positioning satellite (GPS) receiver.
4. The apparatus of claim 1, wherein the receiver receives location information from an infrared (IR) device.
5. The apparatus of claim 1, wherein consumer electronic (CE) devices are commanded and controlled.
6. The apparatus of claim 1, further comprising:

a microphone coupled to the processor.

7. The apparatus of claim 6, wherein the processor converts voice data into command data.

8. A system comprising:

- a processor coupled to a transmission medium;
- a first receiver coupled to the processor;
- a first transmitter coupled to the processor;
- a second transmitter to transmit location data;
- a remote control (RC) including a RC receiver and a RC transmitter, the RC to receive location data and transmit command data and the location data to the first receiver,
- wherein the first transmitter sends control information for at least one device located in a specific location according to the location data transmitted by the RC.

9. The system of claim 8, further comprising at least one user interface.

10. The system of claim 9, wherein the second transmitter is one of an infrared (IR) device and at least one global positioning satellite (GPS).

11. The system of claim 9, wherein the transmission medium is coupled to a plurality of consumer electronic (CE) devices.

12. The system of claim 9, wherein the bus is coupled to a third transmitter.

13. The system of claim 11, wherein the transmission medium is one of a physical bus and a wireless medium.
14. The system of claim 13, wherein the control information for the specific location can be restricted.
15. The system of claim 14, wherein the restriction can be user based, time period based and location based.
16. The system of claim 15, wherein the restriction is password controllable.
17. The system of claim 11, wherein the control data can control a plurality of devices in a sequence according to a single command.
18. A method comprising:
 - selecting a control function;
 - receiving location data for a specific bounded area by a first receiver;
 - transmitting the location data and command data to a second receiver;
 - determining device control data based on the location data and the command data for a device located within the specific bounded area; and
 - transmitting the control data to the device.
19. The method of claim 18, wherein determining further includes:
 - determining whether a user has a restriction for access to the device control data for the device.

20. The method of claim 19, wherein determining further includes:
determining whether the user has a restricted time period for access to the device, and a restriction based on the specific bounded area.
21. The method of claim 20, wherein the restriction is password controllable.
22. The method of claim 18, wherein the device control data is capable of commanding a sequence of controlled events for a plurality of devices.
23. The method of claim 18, wherein the device control data is transmitted through a transmission medium that is one of wireless and physical.
24. An apparatus comprising a machine-readable medium containing instructions which, when executed by a machine, cause the machine to perform operations comprising:
selecting a control function;
receiving location data for a specific bounded area by a first receiver;
transmitting the location data and command data to a second receiver;
determining device control data based on the location data and the command data for a device located within the specific bounded area; and
transmitting the control data to the device.
25. The apparatus of claim 24, wherein determining further containing instructions which, when executed by a machine, cause the machine to perform operations including:

determining whether a user has a restriction for access to the device control data for the device.

26. The apparatus of claim 25, wherein determining further containing instructions which, when executed by a machine, cause the machine to perform operations including:

determining whether the user has a restricted time period for access to the device, and a restriction based on the specific bounded area.

27. The apparatus of claim 26, wherein the restriction is password controllable.

28. The apparatus of claim 24, wherein the device control data is capable of commanding a sequence of controlled events for a plurality of devices.

29. The apparatus of claim 24, wherein the device control data is transmitted through a transmission medium that is one of wireless and physical.